

FIG. 1

Inventor: WATANABE et al.
Docket No.: 10873.1845USWO
Title: ULTRASONIC DIAGNOSTIC APPARATUS (AS AMENDED)
Attorney Name: Douglas P. Mueller
Phone No.: 612.455.3804
Sheet 2 of 5

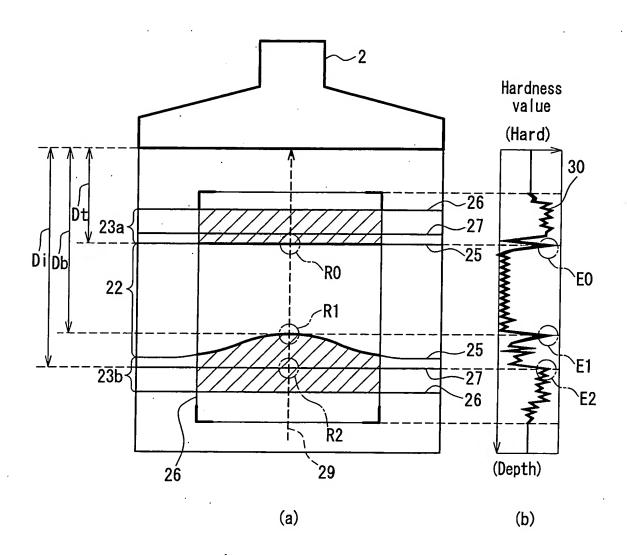


FIG. 2

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Sheet 3 of 5

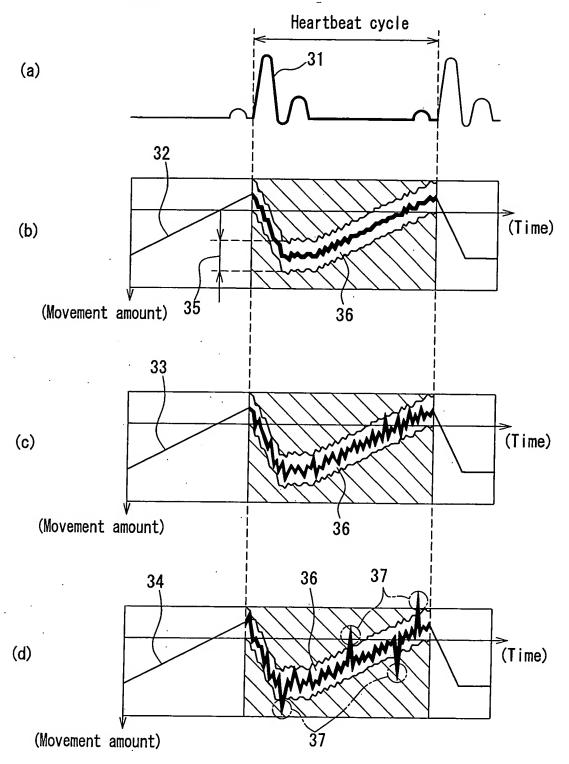


FIG. 3

Inventor: WATANABE et al. Docket No.: 10873,1845USWO Title: ULTRASONIC DIAGNOSTIC APPARATUS (AS AMENDED) Attorney Name: Douglas P. Mueller Phone No.: 612.455,3804 Sheet 4 of 5 ROI positioning unit ,11 B-mode Delay Image Reception Display processing synthesis synthesis unit unit unit unit unit 13 Pulse wave propagation speed calculation 15A unit Hardness Boundary Movement IMT Stability Transmission position value detection calculation calculation unit conversion detection unit unit unit unit unit Blood vessel diameter calculation unit -20 26 23a 27 25 -28 21 22 -24 -25 -27 .23b 26

FIG. 4

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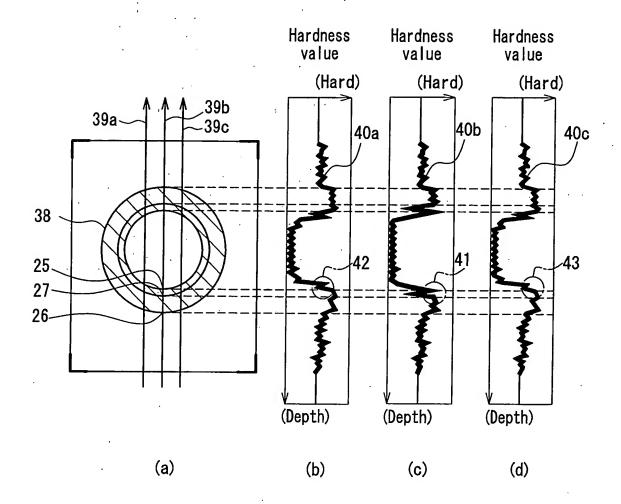


FIG. 5